

Listing of Claims:

Claims 1-4 (Canceled).

5. (Currently Amended) A pattern formation member ~~7~~
~~according to claim 3,~~ adapted for use in a sectioning image
observation apparatus that scans a sample with light from a light
source, said pattern formation member comprising:

5 a rotation disk having translucent sections and shield
sections disposed alternately to form a straight pattern;

wherein the straight pattern is formed all around the same
circumference;

wherein said shield sections have a same width and said
10 translucent sections have a same width on a same circumference of
a circle;

 wherein said rotation disk is divided into a plurality of
areas and ~~a pattern~~ patterns of ~~each of~~ said plurality of areas
~~is~~ are different.

6. (Original) The pattern formation member according to
claim 5, wherein said plurality of areas are located on
concentric circles and each of them has different straight
patterns.

Claims 7-10 (Canceled).

11. (Currently Amended) ~~The A~~ pattern formation member according to claim 2, wherein adapted for use in a sectioning image observation apparatus that scans a sample with light from a light source, said pattern formation member comprising:

5 a rotation disk having translucent sections and shield sections disposed alternately to form a straight pattern;

10 a shield area ~~is~~ formed at a portion of the rotation disk to which the straight pattern patterns of said translucent section and said shield section of said rotation disk is parallel to a scanning direction according to a rotation of said rotation disk in an observation field to reduce uneven brightness;

wherein said shield sections have a same width and said translucent sections have a same width in an area except the shield area on a same circumference of a circle; and

15 wherein the rotation disk has no translucent area on a same circumference of a circle to which the straight pattern is formed.

12. (Original) The pattern formation member according to claim 5, wherein said plurality of areas have a plurality of sector shaped areas divided in a circumferential direction of said rotation disk.

13. (Currently Amended) The pattern formation member according to claim 5, wherein said plurality of divided areas are ~~different direction~~ are areas of the straight patterns each having a different straight pattern direction of said translucent section and said shield section not to be parallel to a scanning direction according to a rotation of said rotation disk in an observation field.

14. (Currently Amended) The pattern formation member according to claim 13, wherein

said different straight pattern direction areas have a plurality of sector shaped areas each having a predetermined central ~~angle~~ angle, and

the straight pattern in said different straight pattern direction areas are another straight pattern area of said translucent section and said shield section with sector shaped area.

15. (Currently Amended) The pattern formation member according to claim 13, wherein

each of said different straight pattern direction areas has a predetermined width, and

5 the straight patterns in each of said different straight
pattern direction areas are straight patterns of said translucent
section and said shield section having different direction from
the straight pattern of the other areas.

16. (Original) The pattern formation member according to
claim 6, wherein at least two patterns of said plurality of areas
have patterns having different ratios of a width of said shield
section and that of said translucent section.

17. (Original) The pattern formation member according to
claim 16, wherein a width of a straight portion of said
translucent section is substantially constant.

18. (Original) The pattern formation member according to
claim 17, further comprising a plurality of areas having
different direction of said translucent section and said shield
section of the straight pattern of said rotation disk.

19. (Original) The pattern formation member according to
claim 18, further comprising different direction areas on
portions parallel to a scanning direction according to a rotation
of said rotation disk in an observation field in the straight
5 patterns, wherein

the straight patterns in each of said different direction areas are straight patterns of said translucent section and said shield section having different direction from the straight pattern of the other areas.

20. (Original) The pattern formation member according to claim 19, wherein when a width of different direction area having a constant width is X and a period of said translucent section and said shield section is W in said rotation disk, X/W is
5 constant.

21. (Original) The pattern formation member according to claim 20, wherein

when said translucent section of said least two concentric circle areas have a same width and a period W of said translucent
5 section and said shield section is different,

a period W of said translucent section and said shield section on an inner concentric circle area is smaller than that of an outer concentric circle area, and

a width X of a different direction area of inner and outer
10 concentric circle areas is proportional to the period W.

22. (Original) The pattern formation member according to claim 6, wherein at least two pattern of said plurality of areas

have an equal ratio of a width of said translucent section and that of said shield section, and widths of said translucent section and said shield section are different for each of said areas.

23. (Original) The pattern formation member according to claim 22, further comprising different direction areas on portions parallel to a scanning direction according to a rotation of said rotation disk in an observation field in the straight patterns, wherein

the straight patterns in each of said different direction areas are straight patterns of said translucent section and said shield section having different direction from the straight pattern of the other areas.

24. (Original) The pattern formation member according to claim 23, wherein when a width of different direction area having a constant width is X and a period of said translucent section and said shield section is W in said rotation disk, X/W is constant.

25. (Original) The pattern formation member according to claim 24, wherein

at least two areas in which said translucent section and said shield section have same width are located so that a period
5 W of said translucent section and said shield section on an inner concentric circle area is smaller than that of an outer concentric circle area, and

B1
a size of the width of different direction area in the inner concentric circle areas is smaller than a size of the width of different direction area in the outer concentric circle areas.

26. (New) The pattern formation member according to claim 5, wherein said rotation disk is rotatable on a light path.

B2
27. (New) The pattern formation member according to claim 6, wherein said rotation disk is rotatable on a light path.

28. (New) The pattern formation member according to claim 11, wherein said rotation disk is rotatable on a light path.
